

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAVID R. HEMBREE
JORGE L. DeVARONA

Serial No.:

Continuation of Serial No. 10/659,828
filed on 9/11/2003

ART UNIT:

Filing Date: 10/31/2003

Examiner:

Title: SEMICONDUCTOR COMPONENT HAVING
REDISTRIBUTION CONDUCTORS AND BUMPED
CONTACTS ON SELECTED PORTIONS THEREOF
(AS AMENDED)

Attorney Docket No.: 99-0812.3

INFORMATION DISCLOSURE STATEMENT
October 31, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following sections are being submitted for this Information
Disclosure Statement:

1. x Preliminary Statements
2. x FORM PTO SB/08
3. Statement As to Information Material to
 Examination Not Found in Patents or Publications.
4. x Identification of Prior Application in Which Listed
 Information Was Already Cited and For Which No Copies
 are Submitted Or Need be Submitted.
5. Cumulative Patents or Publications.
6. Copies of Listed Information Items Accompanying
 This Statement.

7. _____ Concise Explanation of Non-English Language Listed Information Items.
8. _____ Translation(s) of Non-English Language Documents.
9. x Identification of Person(s) Making This Information Disclosure Statement.

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has made (37 C.F.R. 1.56 (g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

Section 2. Identification of Person(s) Making This INFORMATION DISCLOSURE STATEMENT

The person making this statement is
(a) _____ the inventor(s) who signs below

SIGNATURE OF INVENTOR

Name of Inventor

(b) x the attorney who signs below on the basis of:

_____ the information supplied by the inventor(s)

_____ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))

 x the information in the attorney's file.

Section 3. Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies are Submitted or Needed Be Submitted.

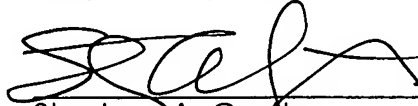
This application relies, under 35 U.S.C. 120, on the earlier filing date of application serial no. 10/659,828, filed 09/11/2003, which is a continuation of

Serial No. 09/835,200, filed 04/13/2001, Patent No. 6,620,633, which is a division of Serial No. 09/473,232, filed 12/24/1999, Patent No. 6,380,555B1.

The attached list of references were submitted to and/or cited by the Office in these prior applications and, therefore, are not required to be provided in this application.

DATED this 31st day of October, 2003.

Respectfully submitted:



Stephen A. Gratton
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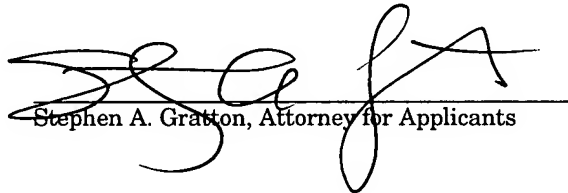
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October 31, 2003
Date of Signature


Stephen A. Gratton, Attorney for Applicants

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 1 of 4

Application Number	
Filing Date	10/31/2003
First Named Inventor	DAVID R. HEMBREE
Art Unit	
Examiner Name	
Attorney Docket Number	99-0812.3

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 3,806,801	04/23/1974	Bove	
	B	US- 5,067,007	11/19/1991	Kanji et al.	
	C	US- 5,124,639	06/23/1992	Carlin et al.	
	D	US- 5,172,050	12/15/1992	Swapp	
	E	US- 5,177,439	01/15/1993	Liu et al.	
	F	US- 5,180,977	01/19/1993	Huff	
	G	US- 5,269,453	12/14/1993	Melton et al.	
	H	US- 5,476,211	12/19/1995	Khandros	
	I	US- 5,547,740	08/29/1996	Higdon et al.	
	J	US- 5,593,927	01/14/1997	Farnworth et al.	
	K	US- 5,686,317	11/11/1997	Akram et al.	
	L	US- 5,736,456	04/07/1998	Akram	
	M	US- 5,767,443	06/16/1998	Farnworth et al.	
	N	US- 5,786,632	07/28/1998	Farnworth et al.	
	O	US- 5,829,128	11/03/1998	Eldridge et al.	
	P	US- 5,851,911	12/22/1998	Farnworth	
	Q	US- 5,894,161	04/13/1999	Akram et al.	
	R	US- 6,060,891	05/09/2000	Hembree et al.	
	S	US- 6,078,186	6/20/2000	Hembree et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	T	US- 6,097,087	08/17/2000	Farnworth et al.	
	U	US- 6,255,833	07/03/2001	Akram et al.	
	V	US- 6,261,854	07/17/2001	Akram et al.	
	W	US- 6,275,052	08/14/2001	Hembree et al.	
	X	US- 6,297,653	10/02/2001	Hembree	
	Y	US- 6,300,782	10/09/2001	Hembree	
	Z	US- 6,300,786	10/09/2001	Doherty et al.	
	AA	US- 6,314,641	11/13/2001	Akram	
	AB	US- 6,337,577	01/08/2002	Doherty et al.	
	AC	US- 6,359,456	03/19/2002	Hembree	
	AD	US- 6,362,637	03/26/2002	Farnworth et al.	
	AE	US- 6,366,112	04/02/2002	Doherty et al.	
	AF	US- 6,372,627	04/16/2002	Ring et al.	
	AG	US- 6,380,555	04/30/2002	Hembree et al.	
	AH	US- 6,383,825	05/07/2002	Farnworth et al.	
	AI	US- 6,414,506	07/02/2002	Akram et al.	
	AJ	US- 6,429,029	08/06/2002	Eldridge	
	AK	US- 6,456,099B1	09/24/2002	Eldridge et al.	
	AL	US- 6,469,537	10/22/2002	Akram et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Approved for use through 07/31/2006. OMB 0651-0031

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Sheet	3	of	4
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
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		Art Unit	
		Examiner Name	
Sheet	4	of	4
		Attorney Docket Number	99-0812.3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AN	"Cobra technology makes Wentworth Labs the world's most advanced probe card manufacturer", brochure from Wentworth Laboratories, 1996.	
	AO	H. W. LORBER et al., "Non-Adhering Probe For Contacting Solder pads", IBM Technical Disclosure Bulletin, Vol. 26, No. 1, June 1983.	
	AP	"Science Over Art. Our New IC Membrane Test Probe.", Packard Hughes Interconnect brochure, 1993.	

Examiner Signature		Date Considered	
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Commissioner for Patents
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Alexandria, VA 22313-1450

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The citations listed on the accompanying Form PTO/SB/08, copies attached, may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art under 35 USC §102.

It is requested that the above citations be made of record, if appropriate, in the prosecution of this application.

Respectfully submitted:


Stephen A. Gratton, Registration No. 28,418
Attorney of Record


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Lakewood, CO 80228
Telephone: 303 989 6353

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